

Docket No. AUS920000767US1

ABSTRACT OF THE DISCLOSURE

METHOD AND APPARATUS FOR DYNAMIC MODIFICATION OF INTERNET
FIREWALLS USING VARIABLY-WEIGHTED TEXT RULES

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A mechanism is provided in which dynamic rules for Internet protocol addresses which should be inaccessible from an organization are determined. Keywords are entered into a search table. A sliding scale is established for the severity and frequency of possible filtered terms. For example, a term may be awarded a point value based on the severity and frequency of the term. An organizational policy may be established based upon the total number of points per document served from an Internet protocol address or an average point value for documents served from an Internet protocol address with respect to a threshold. The length of time or number of documents permitted before a decision is reached, namely a decision interval, may be established. A reset policy may be determined to dictate what actions will be taken after the decision interval is reached.

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